

MATERIAL SAFETY DATA SHEET
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

BRADY ISOPROPYL ALCOHOL

SECTION I

Distributor's Name

BRADY INDUSTRIES, INC.

Emergency Telephone Number

(800) 424-9300

Address (Number, Street, City, State & ZIP Code) Telephone Number for Information

4175 SOUTH ARVILLE

(702) 876-3990

Date Prepared

LAS VEGAS, NEVADA 89103

2/07/2002 Spercedes 03/24/01

Signature of Preparer (optional)

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Recommended Other Limits	% (optional)
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ISOPROPYL ALCOHOL	CAS #67-63-0	400PPM	400PPM	NONE	>75%
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DOT CLASS: ISOPROPANOL OR ISOPROPYL ALCOHOL
3, UN1219, PGII
FLAMMABLE LIQUID
CLEANING COMPOUND

HAZARD RATING:

4-EXTREME

3-HIGH

2-MODERATE

1-SLIGHT

0-INSIGNIFICANT

HEALTH = 1
FIRE = 3
REACTIVITY = 0
SPECIFIC HAZARDS = N/A

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point

180 F

Specific Gravity (H2O = 1)

.800 AT 60F

Vapor Pressure (mm Hg)

33.0 mmhg @ 68.0 F

Melting Point

N/A

Vapor Density

2.070 @ AIR = 1

Evaporation Rate (Butyl Acetate = 1)

7.70

Solubility in Water

COMPLETE

pH

N/A

Appearance and Odor

CLEAR LIQUID WITH AN ALCOHOL FRAGRANCE

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)

53° F (TCC)

Flammable Limits

LEL

UEL

2%

12%

Extinguishing Media

FOAM, CO₂, DRY CHEMICAL, WATER FOG.

Special Fire Fighting Procedures

NORMAL FIRE FIGHTING PROCEDURES MAY BE USED. USE SELF-CONTAINED BREATHING EQUIP.

Unusual Fire and Explosion Hazards

NO SPECIAL HAZARDS KNOWN

(Reproduce locally)

OSHA 174, Sept. 1985 105

SECTION V - REACTIVITY DATA

Stability Unstable

Conditions to Avoid

EXCESSIVE HEAT

Incompatibility (Materials to Avoid)

NONE KNOWN

Hazardous Decomposition or Byproducts

WHEN EXPOSED TO FIRE: PRODUCES NORMAL PRODUCTS OF COMBUSTION

Hazardous

May Occur

Conditions to Avoid

Polymerization

Will Not Occur

XXX

NONE KNOWN

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:

Inhalation? Skin?

Ingestion?

NO

YES

NO

Health Hazards (Acute and Chronic)

MAY CAUSE EYE IRRITATION, PROLONGED OR REPEATED CONTACT MAY CAUSE MILD SKIN IRRITATION. MAY CAUSE IRRITATION TO NOSE, THROAT AND RESPIRATOR TRACT AND INGESTION OF PRODUCT MAY CAUSE NAUSEA AND ABDOMINAL DISCOMFORT.

Emergency and First Aid Procedures

EYES: FLUSH IMMEDIATELY WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS OBTAIN MEDICAL ATTENTION.

SKIN: RINSE WITH PLENTY OF WATER.

INHALATION: IF BREATHING IS AFFECTED, GET MEDICAL ATTENTION. REMOVE TO FRESH AIR.

INGESTION: DO NOT INDUCE VOMITING. DRINK 1-2 GLASSES OF WATER OR MILK. SEEK IMMEDIATE MEDICAL ATTENTION.

NOTE: DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled

CONTAINS ALCOHOL. DO NOT LET SPILLED OR LEAKING MATERIAL ENTER WATERCOURSE. MAY BE TOXIC TO AQUATIC LIFE. ABSORB WITH OIL-DRI OR SIMILAR INERT MATERIAL. SWEEP OR SCRAPE UP AND CONTAINERIZE.

Waste Disposal Method

CONTACT STATE OR LOCAL AUTHORITIES FOR DETAILS

Precautions to Be Taken in Handling and Storing

WARNING: EYE IRRITANT. AVOID BREATHING SPRAY MIST OR VAPORS. CONTAINS: GLYCOL ETHER. WEAR RUBBER GLOVES AND ADEQUATE EYE PROTECTION. AVOID CONTACT WITH SKIN, EYES OR CLOTHING.

Other Precautions

LAUNDRY CONTAMINATED CLOTHING/EQUIPMENT BEFORE RE-USE. PRODUCT RESIDUE MAY REMAIN ON/IN EMPTY CONTAINERS. ALL PRECAUTIONS FOR HANDLING THE PRODUCT MUST BE USED IN HANDLING THE EMPTY CONTAINER AND RESIDUE.

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type)

NO SPECIAL REQUIREMENTS UNDER NORMAL USE CONDITIONS

Ventilation

Local Exhaust

Special

GENERAL ROOM VENTILATION ADEQUATE

N/A

Mechanical (General)

Other

N/A

N/A

Protective Gloves

RUBBER OR PLASTIC

Eye Protection

SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Clothing or Equipment

IF MAJOR EXPOSURE IS POSSIBLE TO EYES/SKIN, WEAR/USE APPROPRIATE PROTECTIVE EQUIP

Work/Hygienic Practices

USE CARE AND COMMON SENSE.